

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)

Charles H. Moore et al.)

Serial No. 08/484,918)

Filed: June 7, 1995)

For: HIGH PERFORMANCE
MICROPROCESSOR HAVING
VARIABLE SPEED
SYSTEM CLOCK)

Examiner: D. Eng

Art Unit: 2784

SUPPLEMENTAL AMENDMENT

Palo Alto, CA 94306

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This Supplemental Amendment is being submitted in response to a telephone call on April 23, 1998 from the Examiner in the above-identified patent application.

IN THE CLAIMS

Please amend claims 19, 65, 73 and 78 as follows:

71 (19(Four Times Amended)). A microprocessor system, comprising a single integrated circuit including a central processing unit and an entire ring oscillator variable speed system clock in said single integrated circuit and connected to said central processing unit for clocking said central processing unit, said central processing unit and said ring oscillator variable speed system clock each including a plurality of electronic devices correspondingly constructed of the same process technology with corresponding manufacturing variations, a processing frequency capability of said central processing unit and a speed of said ring oscillator variable speed system clock varying together due to said manufacturing variations and due to at least operating voltage and temperature of said single integrated circuit; an on-chip input/output interface connected to exchange coupling control signals, addresses and data with said central processing unit; and a